

TOP SECRET **PRIORITY**

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MISSION 1042 17 JUN 1 JUL 67 OAK SUPPL 31 JUL 67

CITE NPIC 1425
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PREFACE

THIS IS THE FOURTH OF SEVERAL OAK SUPPLEMENT CABLE REPORTS ON
MISSION 1042 AND PROVIDES INFORMATION ON THE COMOR TARGETS NOT
INCLUDED IN THE OAK REPORTS FOR THIS MISSION.

(TEXT WHICH FOLLOWED WAS IDENTICAL TO ABOVE CITED MISSION)

TOP SECRET

25X1

-END OF MESSAGE-

Declassification Review by NGA

TOP SECRET CALSO PASSED GROUP 1
Excluded from automatic
downgrading and
declassification

25X1

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OUT 62765

MISSION 1842 17 JUN 1 JUL 67

OAK SUPPL

31 JUL 67

PT 84

PREFACE

THIS IS THE FOURTH OF SEVERAL OAK SUPPLEMENT CABLE REPORTS ON MISSION 1842 AND PROVIDES INFORMATION ON THE COMOR TARGETS NOT INCLUDED IN THE OAK REPORTS FOR THIS MISSION.

THIS REPORT ALSO CONTAINS NON-COMOR TARGETS REFLECTING SIGNIFICANT CHANGE, TARGETS WITH SIGNIFICANT ORDER OF BATTLE DATA INFORMATION, AND TARGETS WHICH ARE NEWLY IDENTIFIED OR KNOWN BUT REPORTED FOR THE FIRST TIME BY NPIC. UPON COMPLETION OF THE MISSION READOUT, ALL TARGETS REPORTED IN THESE CABLES WILL BE CONSOLIDATED BY COMOR TARGET CATEGORY AND PUBLISHED.

TARGETS ARE ARRANGED BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. PREVIOUSLY REPORTED NON-COMOR TARGETS ARE LISTED UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. NEWLY REPORTED TARGETS ARE DESIGNATED AS BONUS TARGETS AND ARE LISTED AFTER THE NON-COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE AND THE COORDINATES. SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS, SUFFIXED WITH A FOR ASCENDING AND D FOR DESCENDING, ARE LISTED FIRST, FOLLOWED BY THE FRAME NUMBERS. SYMBOLS FOR LIMITING CONDITIONS AFFECTING PHOTOGRAPHY ARE C @CLEAR@, SC @SCATTERED CLOUD COVER@, HC @HEAVY CLOUD COVER@, H @HAZE@, CS @CLOUD SHADOW@, S @SNOW@, O @OBLIQUITY@, SD @SEMI-DARKNESS@, D @DARKNESS@, GC @GROUND COVER@, CF @CAMOUFLAGEN@, GR @GROUND RESOLUTION@, AND SS @SMALL SCALE@. INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD@, F @FAIR@, OR P @POOR@. THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL@ OR PT @PARTIAL@. THE MODE OF COVERAGE IS INDICATED BY ST @STEREO@, PS @PARTIAL STEREO@, OR NS @NON-STEREO@. RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF PHOTOGRAPHY IS ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE ANALYSIS MAY RESULT IN ADDITIONAL INFORMATION. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

HIGHLIGHTS

1. THE THIRTY-EIGHTH AND THIRTY-NINTH PROBABLE LONG RANGE SAM SITES IN THE USSR ARE NEWLY IDENTIFIED. ONE IS 7.5 NM NNW OF BEREZNIKI AND THE OTHER IS 18 NM NW OF VLADIVOSTOK. BOTH SITES ARE IN EARLY STAGES OF CONSTRUCTION.
2. A DOUBLE-BASE PROPELLANT PLANT WITH A PROBABLE ROCKET MOTOR TEST FACILITY UNDER CONSTRUCTION IS OBSERVED NEAR SOLIKAMSK. IF CONFIRMED, THIS WILL MAKE THE SEVENTH ROCKET MOTOR TEST FACILITY ASSOCIATED WITH AN ADJACENT PROPELLANT PLANT IN THE USSR. SIX OF THE 7 PROPELLANT PLANTS INCORPORATE DOUBLE-BASE PROPELLANT PRODUCTION FACILITIES.
3. EIGHT BLAST MARKS AND 1 PROBABLE BLAST MARK ARE IDENTIFIED AT THE 3 LENINGRAD AREA SOLID PROPELLANT ROCKET MOTOR TEST SITES. ONE OF THESE SITES, FORMERLY REPORTED AS THE LENINGRAD POSSIBLE SOLID PROPELLANT TEST SITE, IS CONFIRMED ON THIS MISSION AS A SOLID PROPELLANT ROCKET MOTOR TEST SITE. ANOTHER OF THE SITES, FORMERLY REPORTED AS THE LENINGRAD SOLID PROPELLANT PROCESSING AND TEST SITE, IS NOW IDENTIFIED AS A SOLID PROPELLANT ROCKET MOTOR TEST SITE, AND THE PROCESSING FUNCTION, IN TERMS OF MANUFACTURING OR PRODUCTION OF ROCKET MOTORS, IS NEGATED. FOUR SOLID PROPELLANT ROCKET MOTOR TEST CELLS ARE CONFIRMED AT THIS SITE.
4. THE INSTALLATION PREVIOUSLY REPORTED AS PETROKREPOST EXPLOSIVES PLANT MOROZOV IS NOW IDENTIFIED AS A PROBABLE ROCKET MOTOR R - D AND PROTOTYPE PRODUCTION FACILITY RATHER THAN AN EXPLOSIVES MANUFACTURING PLANT. IT CONTAINS PROBABLE PROPELLANT HANDLING AND DOUBLE-BASE PROPELLANT FACILITIES AND POSSIBLE ROCKET MOTOR

TEST FACILITIES.

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5. POSSIBLE SMALL SA-2 SAM SITES IDENTIFIED 10 NM
WNW OF KAZAN.

6. TWO SA-2 SAM SITES UNDER CONSTRUCTION ARE NEWLY IDENTIFIED
NEAR AL ISKANDARIYAH, EGYPT.
STATUS OF TARGET READOUT
THIS SUPPLEMENT REPORTS ON 199 COMOR TARGETS, 14 NON-COMOR
TARGETS, AND 10 BONUS TARGETS.

MISSILES

YOSHKAR-OLA ICBM COMPLEX UR 5633N 04801E [REDACTED]
FOUR OF THE 6 LAUNCH SITES 02-4 AND 6X ARE
INTERPRETABLE. TWO LAUNCH SITES 01 AND 5X CAN BE
IDENTIFIED ONLY. NO SIGNIFICANT ACTIVITY OBSERVED.

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[REDACTED]

SVOBODNYI ICBM COMPLEX UR 5146N 12806E [REDACTED]
FIFTY-TWO TYPE IIID LAUNCH SITES, 7 TYPE II LAUNCH
SITES, THE COMPLEX SUPPORT FACILITY, THE RAIL-TO-ROAD
TRANSFER POINT, AND THE [REDACTED] ARE
INTERPRETABLE. AT LAUNCH SITE 4, A MISSILE IS ERECTED
ON THE LEFT LAUNCH PAD. INTERPRETABILITY OF POSSIBLE
LAUNCH SITE 60 PRECLUDES CONFIRMATION. NO OTHER
SIGNIFICANT ACTIVITY OBSERVED.
CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE
TYPE IIID LAUNCH SITES --
LAUNCH GROUP I -- ALL 10 SITES ARE COMPLETE AND
INTERPRETABLE.
LAUNCH GROUP J -- SITES 18, 19, 31, 38, 42, 43, 46, AND
47 ARE COMPLETE. SITES 32 AND 53 ARE IN LATE STAGES OF
CONSTRUCTION.
LAUNCH GROUP K -- SITES 26, 29, AND 34 ARE COMPLETE.
SITES 9, 24, 25, 27, 30, 36, AND 37 ARE IN LATE STAGES
OF CONSTRUCTION.
LAUNCH GROUP L -- SITES 40, 41, 49-52, AND 54-56 ARE IN
THE MID-STAGE OF CONSTRUCTION. SITE 45 IS IN AN
UNDETERMINED STAGE OF CONSTRUCTION.
LAUNCH GROUP M -- SITES 58, 59, 63, 66, AND 73 ARE IN
THE MID-STAGE OF CONSTRUCTION. SITES 61, 64, AND 65
ARE IN EARLY STAGES OF CONSTRUCTION. POSSIBLE SITE 60
AND PROBABLE SITE 62 ARE IN UNDETERMINED STAGES OF
CONSTRUCTION.
LAUNCH GROUP N -- ONLY 2 SITES HAVE BEEN IDENTIFIED IN
IN THIS GROUP. SITE 69 IS IN THE MID-STAGE OF
CONSTRUCTION. POSSIBLE SITE 68 IS IN AN UNDETERMINED
STAGE OF CONSTRUCTION.

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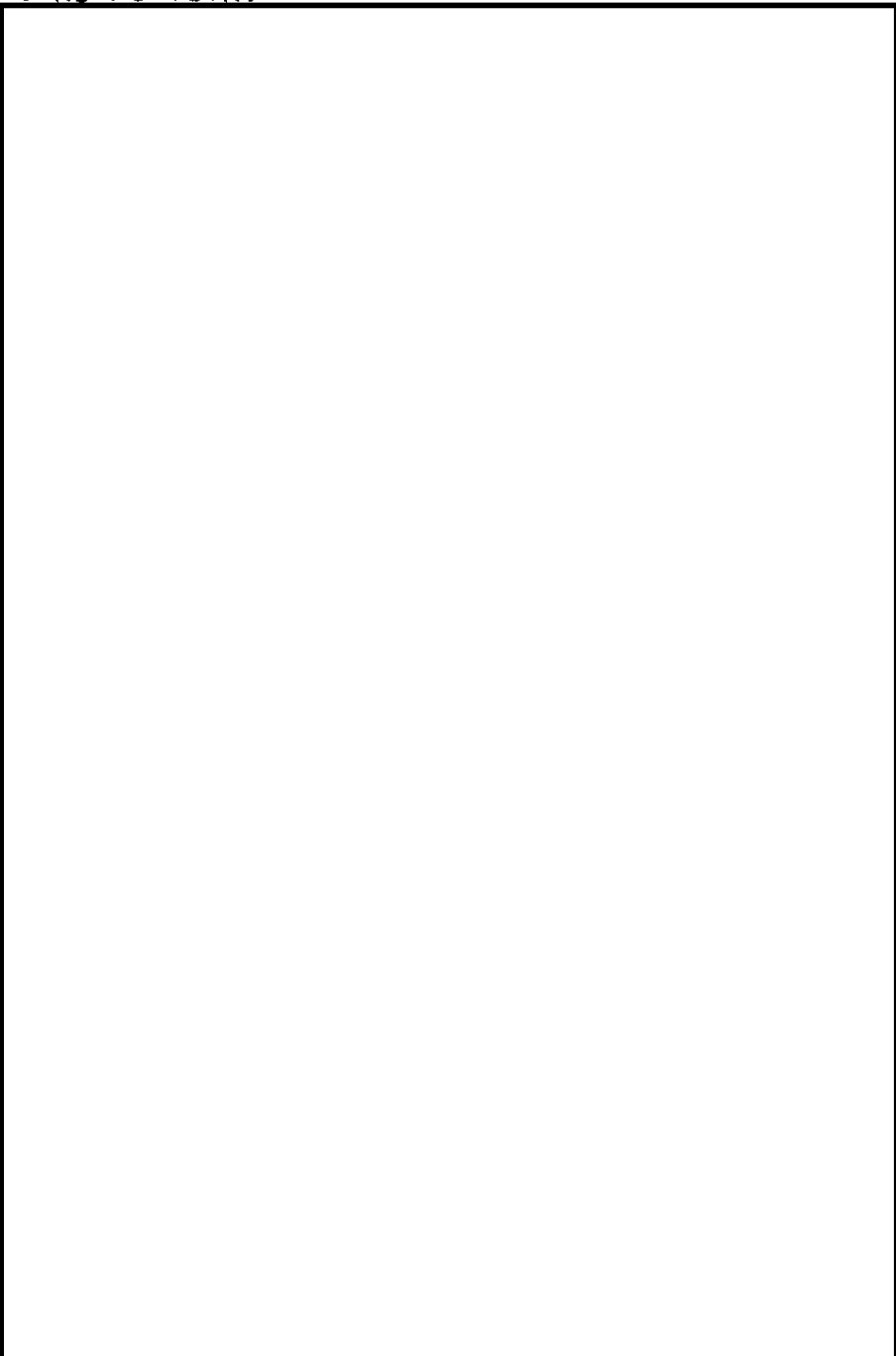
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SITES, 3 TYPE IIA SITES, THE COMPLEX SUPPORT FACILITY,
AND THE RAIL-TO-RAIL TRANSFER POINT ARE INTERPRETABLE.
AT LAUNCH SITE 4, A MISSILE IS IN FRONT OF THE RIGHT
READY BUILDING. NO OTHER SIGNIFICANT ACTIVITY
OBSERVED.
CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE
TYPE IIID LAUNCH SITES --
LAUNCH GROUP G -- ALL SITES ARE COMPLETE AND
INTERPRETABLE.
LAUNCH GROUP H -- ALL SITES ARE COMPLETE AND
INTERPRETABLE.
LAUNCH GROUP I -- ALL SITES ARE COMPLETE AND
INTERPRETABLE.
LAUNCH GROUP J -- ALL SITES ARE COMPLETE AND
INTERPRETABLE.
LAUNCH GROUP K -- SITES 49, 51, 52, AND 58 ARE
COMPLETE. SITES 54, 55, AND 57 ARE IN LATE STAGES OF
CONSTRUCTION. SITE 53 IS IN AN UNDETERMINED STAGE OF
CONSTRUCTION.
TRANSFER POINT SITE -- SITE 41X IS IN A LATE STAGE OF
CONSTRUCTION.



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KOSTROMA ICBM COMPLEX UR 5746N 34101E [REDACTED]
 THE 7 SS-7 LAUNCH SITES, THE 31 TYPE IIID LAUNCH SITES,
 THE RAIL-TO-ROAD TRANSFER POINT, AND THE COMPLEX
 SUPPORT FACILITY ARE VISIBLE. NO SIGNIFICANT ACTIVITY
 IS OBSERVED AT ANY OF THE 7 SS-7 LAUNCH SITES.
 CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE
 TYPE IIID LAUNCH SITES --
 LAUNCH GROUP I -- 9 SITES @9, 18, 21-24, 26, 30, AND
 31# ARE IN LATE STAGES OF CONSTRUCTION. SITE 33 IS IN
 THE MID-STAGE OF CONSTRUCTION.
 LAUNCH GROUP J -- ALL 10 SITES @12-19, 28, AND 32# ARE
 IN THE MID-STAGE OF CONSTRUCTION.
 LAUNCH GROUP K -- FOUR SITES @34-37# ARE IN THE
 MID-STAGE OF CONSTRUCTION. PROBABLE SITES 38-43 ARE IN
 UNDETERMINED STAGES OF CONSTRUCTION.
 POSSIBLE LAUNCH SITE 44 @X# IS IN AN UNDETERMINED STAGE
 OF CONSTRUCTION.

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OMSK ICBM COMPLEX UR 5504N 07331E [REDACTED]
ALL COMPONENTS OF THE COMPLEX ARE INTERPRETABLE. NO
SIGNIFICANT ACTIVITY OBSERVED.

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PERM ICBM COMPLEX UR 5742N 05619E [REDACTED]
THE 41 KNOWN TYPE IIID LAUNCH SITES, 5 TYPE II LAUNCH
SITES 01-3, 5, AND 6, 1 TYPE IIIA LAUNCH SITE 04, THE
COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER
POINT ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY
OBSERVED.
CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE
TYPE IIID LAUNCH SITES --
LAUNCH GROUP G -- ALL SITES 07, 11-13, 15, 18-20, 23,
AND 35 ARE COMPLETE.
LAUNCH GROUP H -- ALL SITES 029-34, 36, 40, 42, AND 59 ARE
COMPLETE.
LAUNCH GROUP I -- ALL SITES 08, 10, 16, 17, 22, 25, 38,
39, 41, AND 43 ARE COMPLETE.
LAUNCH GROUP J -- ALL SITES 045-49, 51, 52, 57, 58, AND
61 ARE COMPLETE.
LAUNCH SITE 60X REMAINS IN A LATE STAGE OF
CONSTRUCTION.

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NOVOSIBIRSK ICBM COMPLEX UR 5515N 08259E [REDACTED]
FOUR OF THE 5 LAUNCH SITES 02-50 AND THE RAIL-TO-ROAD
TRANSFER POINT ARE INTERPRETABLE. THE COMPLEX SUPPORT
FACILITY CAN BE IDENTIFIED ONLY. NO SIGNIFICANT
ACTIVITY OBSERVED.

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ZHANGIZ-TOBE ICBM COMPLEX UR 4912N 08109E [REDACTED]
ALL 25 IIIC LAUNCH SITES, THE RAIL-TO-ROAD TRANSFER
POINT, AND THE COMPLEX SUPPORT FACILITY ARE
INTERPRETABLE. NO NEW SIGNIFICANT ACTIVITY OBSERVED.
CONSTRUCTION STATUS AND DETAILED DATA FOR THE TYPE IIIC
LAUNCH SITES --
LAUNCH GROUP A -- SITES 1-3, 5, AND 6 ARE COMPLETE.
SITE 4 IS UNDERGOING EXTENSIVE REPAIR OR MODIFICATION.
A SILO LINER IS ON THE ACCESS ROAD.
LAUNCH GROUP B -- ALL 6 SITES 07-120 ARE COMPLETE.
LAUNCH GROUP C -- SITES 13 AND 16 ARE IN LATE STAGES OF
CONSTRUCTION. SITES 14, 15, 17, AND 18 ARE IN THE
MID-STAGE OF CONSTRUCTION.

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ALL 37 TYPE IIC LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. SCARRING IS OBSERVED AT THE L-SHAPED ELECTRONICS FACILITY FOR SITE 9B CONTROL FOR LAUNCH GROUP B. A HIGH LEVEL OF STORAGE IS OBSERVED AT THE DISTRIBUTION POINT OF THE COMPLEX SUPPORT FACILITY. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA ARE AS FOLLOWS --

LAUNCH GROUP A -- ALL 6 COMPLETED SITES 01-4, 6, AND 7 ARE INTERPRETABLE.

LAUNCH GROUP B -- ALL 6 COMPLETED SITES 08-13 ARE INTERPRETABLE.

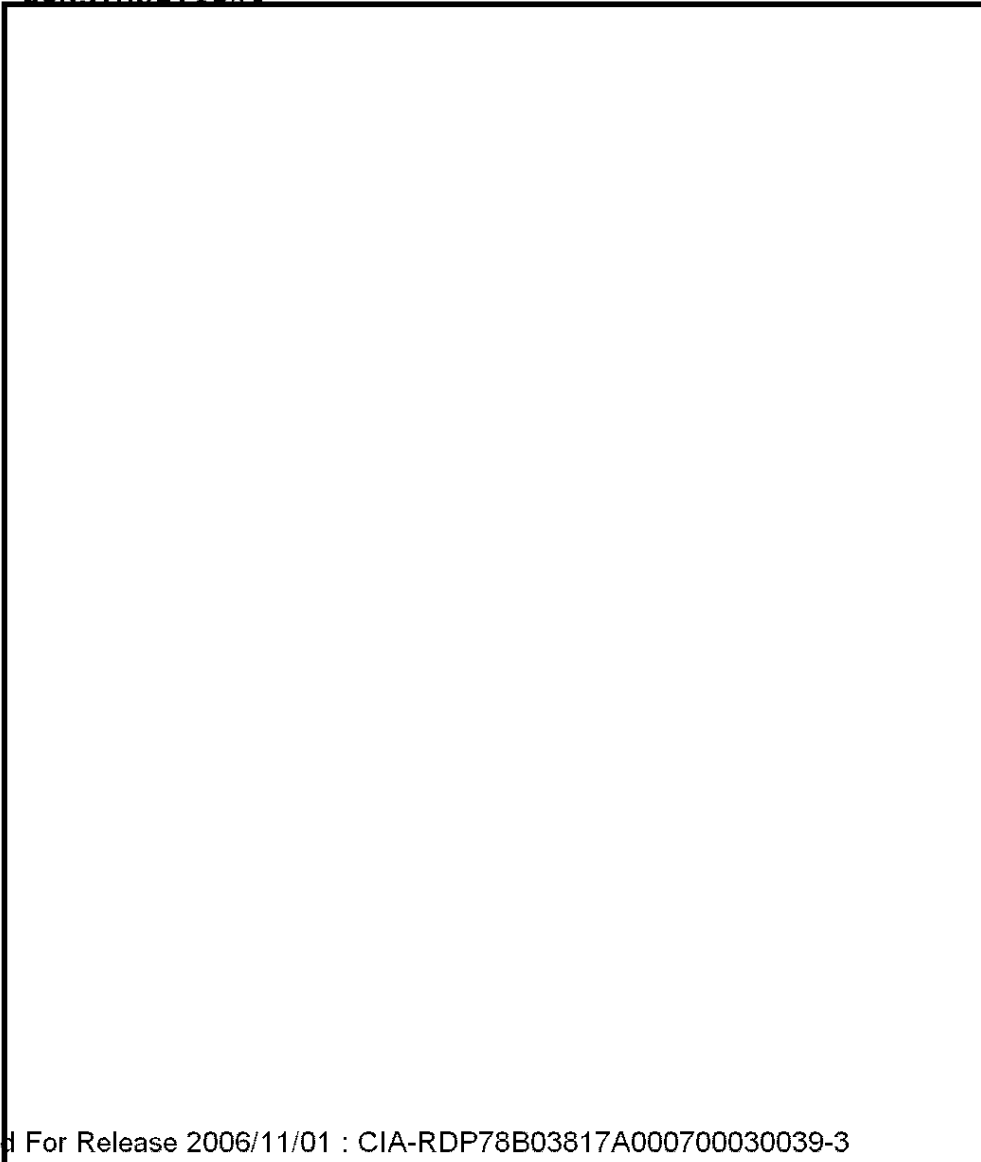
LAUNCH GROUP C -- ALL 6 SITES 014-19 ARE NOW COMPLETE WITH THE COMPLETION OF SITES 16, 17, AND 18. SIX VEHICLES/VANS ARE ON THE LOOP ROAD AT SITE 18. THE L-SHAPED ELECTRONICS FACILITY AT SITE 15 HAS BEEN ABANDONED.

LAUNCH GROUP D -- ALL 6 SITES 021-26 ARE INTERPRETABLE. SITES 23 AND 25 ARE IN LATE STAGES OF CONSTRUCTION. THE OTHERS ARE IN THE MID-STAGE OF CONSTRUCTION. NO L-SHAPED ELECTRONICS FACILITY IS PRESENT AT CONTROL SITE 21.

LAUNCH GROUP E -- ALL 6 SITES 028-32 AND 34 ARE IN THE MID-STAGE OF CONSTRUCTION.

LAUNCH GROUP F -- ALL 6 SITES 035-40 ARE IN EARLY STAGES OF CONSTRUCTION.

TRANSFER POINT SITE -- SITE 33X IS IN THE MID-STAGE OF CONSTRUCTION.



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TATISHCHEVO ICPM COMPLEX UR 5140N 04535E [REDACTED]

FIFTY-ONE TYPE IIID LAUNCH SITES ARE INTERPRETABLE. SIXTEEN LAUNCH SITES AND THE RAIL-TO-ROAD TRANSFER POINT CAN BE IDENTIFIED ONLY. LAUNCH SITE 116 IS NOW CONFIRMED AND IS THE TENTH LAUNCH SITE IN THE GROUP. LAUNCH SITE 106 HAS BEEN ABANDONED AND IS DROPPED FROM NPIC LISTINGS. LAUNCH SITE 131 IS ASSOCIATED WITH LAUNCH GROUP G. ALL LAUNCH SITES IN THE F, G, AND I GROUPS ARE NOW COMPLETE. NEWLY IDENTIFIED LAUNCH GROUP L IS COMPLETELY CLOUD COVERED ON ALL PASSES OVER THE COMPLEX. NO NEW MISSILE ACTIVITY IS OBSERVED. CONSTRUCTION STATUS AND DETAILED DATA ARE AS FOLLOWS --

LAUNCH GROUP A -- LAUNCH SITES 7, 9, 10, AND 11 ARE INTERPRETABLE. LAUNCH SITES 1, 2, 6, AND 8 CAN BE IDENTIFIED ONLY.

LAUNCH GROUP B -- LAUNCH SITES 14, 21, AND 29 ARE INTERPRETABLE. LAUNCH SITES 12, 13, 16, AND 30 CAN BE IDENTIFIED ONLY.

LAUNCH GROUP C -- ONLY LAUNCH SITE 28 IS INTERPRETABLE.

LAUNCH GROUP D -- LAUNCH SITE 37 CAN BE IDENTIFIED ONLY.

LAUNCH GROUP E -- ONLY LAUNCH SITE 80 IS INTERPRETABLE, BUT CONSTRUCTION STATUS IS UNDETERMINED. LAUNCH SITES 45, 47, 82, AND 100 CAN BE IDENTIFIED ONLY.

LAUNCH GROUP F -- LAUNCH SITES 58, 59, 61, 62, 63, 65, 66, 89, AND 90 ARE INTERPRETABLE.

LAUNCH GROUP G -- LAUNCH SITES 67, 71, 75, 88, 92, 97, 98, 108, 131, AND 137 ARE INTERPRETABLE. LAUNCH SITE 106 IS ABANDONED AND DROPPED FROM NPIC LISTINGS.

LAUNCH GROUP H -- LAUNCH SITES 94, 95, AND 102 ARE INTERPRETABLE AND REMAIN IN THE MID-STAGE OF CONSTRUCTION. LAUNCH SITES 101 AND 119 CAN BE IDENTIFIED ONLY.

LAUNCH GROUP I -- LAUNCH SITES 74, 83-86, 91, 93, 104, 116, AND 136 ARE INTERPRETABLE AND COMPLETE. LAUNCH SITE 116 IS NOW CONFIRMED.

LAUNCH GROUP J -- LAUNCH SITES 81, 99, 109-112, 115, 117, 118, AND 123 ARE INTERPRETABLE AND IN LATE STAGES OF CONSTRUCTION WITH THE EXCEPTION OF SITE 115 WHICH REMAINS IN THE MID-STAGE OF CONSTRUCTION.

RAIL-TO-ROAD TRANSFER POINT LAUNCH SITE 35X CAN BE IDENTIFIED ONLY.

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KUYBYSHEV AIRFRAME PLANT STALIN 1 UR 5313N 05017E [REDACTED]
CONSTRUCTION CONTINUES ON THE NEW BUILDING IN THE SE
CORNER OF THE PLANT. NO IDENTIFIABLE MISSILES OR
MISSILE COMPONENTS ARE DISCERNIBLE. AN UNDETERMINED
NUMBER OF LONG RAIL CARS IS ON THE SIDINGS AND ALONG A
SPUR ON THE NW SIDE OF THE PLANT.

25X

VORONEZH ROCKET ENGINE TEST FACILITY UR 5134N 03999E [REDACTED]
CONSTRUCTION CONTINUES ON THE LARGE ADMINISTRATION
BUILDING AT THE CENTER OF THE FACILITY. AT LEAST 3
RAIL CARS ARE PRESENT AT THE AIR LIQUEFACTION PLANT.
DARK STAINS IN THE BLAST PIT AT THE ORIGINAL HORIZONTAL
TEST BUILDING INDICATE CONTINUING TEST ACTIVITY. NO
MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X

KAZAN AIRCRAFT ENGINE PLANT 16 UR 5551N 04906E [REDACTED]
KAZAN POSSIBLE STATIC TEST FACILITY LOCATED 10 NM WEST

25X

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

KAMENSK-SHAKTINSKIY RKT MOTOR TEST FAC UR 4819N 04016E
CONSTRUCTION ACTIVITY CONTINUES AT THE OFFSET
TEMPERATURE CONDITIONING BUILDINGS. NO EVIDENCE OF
RECENT TEST ACTIVITY OBSERVED AT THE HORIZONTAL TEST
POSITIONS. NO MISSILES OR MISSILE-RELATED EQUIPMENT
OBSERVED.

KEMEROVO ROCKET MOTOR TEST FACILITY UR 5526N 08557E
NO SIGN OF TEST ACTIVITY IS DISCERNIBLE.
GRADING BETWEEN THE EAST END OF THE LARGE HORIZONTAL
TEST CELL AND THE L-SHAPED BLAST DEFLECTOR APPEARS
COMPLETE. THE PREVIOUSLY REPORTED CONSTRUCTION
ACTIVITY CONTINUES.

IVANKOVO GUIDED MISSILE PLANT UR 5645N 03707E
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

LENINGRAD SOLID MOTOR TEST FACILITY UR 6012N 03042E
TWO LARGE LIGHT-TONED BLAST MARKS AND ONE PROBABLE
BLAST MARK INDICATE A CONTINUING HIGH DEGREE OF TEST
ACTIVITY. THE MORE NORTHERLY BLAST MARK MEASURES 630
FT LONG AND THE MORE SOUTHERLY BLAST MARK MEASURES 570
FT LONG.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

PAVLOGRAD EXPLOSIVES PLANT UR 4833N 03549E
THE NEW SECTION OF THE PLANT CONTAINS APPROXIMATELY 48
BUILDINGS, 13 OF WHICH HAVE BEEN CONSTRUCTED SINCE
CONSTRUCTION CONTINUES. THE
CONFIGURATION OF THE NEW PLANT AREA SUGGESTS THE
POSSIBILITY OF SOLID PROPELLANT MANUFACTURING.

KUYBYSHEV ABM/PROB LR SAM SEARCH AREA UR 5313N 05014E
NO ABM/PROBABLE LONG RANGE SAM COMPLEXES ARE
IDENTIFIED.

MINSK ABM/PROB LR SAM SEARCH AREA UR 5353N 02734E
NO ABM/PROBABLE LONG RANGE SAM ACTIVITY OBSERVED.

KAZAN ABM/PROB LR SAM SEARCH AREA UR 5547N 04908E
NO ABM/PROBABLE LONG RANGE SAM COMPLEXES ARE
IDENTIFIED.

SECTION # 15

CHELYABINSK ABM/PROB LR SAM SEARCH AREA UR 5510N 06125E
NO MOSKVA-TYPE ABM/PROBABLE LONG RANGE SAM LAUNCH
COMPLEXES ARE IDENTIFIED.

IVANO FRANKOVSK ABM/PROB LR SAM SEARCH AREA UR 4906N 02456E
NO MOSKVA-TYPE ABM/PROBABLE LONG RANGE SAM LAUNCH
COMPLEXES ARE IDENTIFIED.

KHARKOV ABM SEARCH UR 4959N 03614E
NO MOSKVA-TYPE ABM ACTIVITY OBSERVED.

25X

DONETSK ABM SEARCH UR 4800N 03747E
NO MOSKVA-TYPE ABM ACTIVITY OBSERVED.

25X

SVERDLOVSK ABM SEARCH UR 5650N 06030E
NO MOSKVA-TYPE ABM ACTIVITY OBSERVED.

25X

ROSTOV ABM/PROB LONG RANGE SAM SEARCH UR 4714N 03942E
NO MOSKVA-TYPE ABM/PROBABLE LONG RANGE SAM LAUNCH
COMPLEXES ARE IDENTIFIED.

25X

KRASNOVODSK ABM/PROB LONG RANGE SAM SRCH UR 4800N 05300E
NO ABM/PROBABLE LONG RANGE SAM LAUNCH COMPLEXES
IDENTIFIED.

25X

DNEPROPETROVSK ABM SEARCH UR 4828N 03502E
NO ABM ACTIVITY IDENTIFIED.

25X

KIYEV ABM SEARCH UR 5027N 03030E
NO MOSKVA-TYPE ABM ACTIVITY OBSERVED.

25X

PETROZAVODSK ABM/PROB LONG RANGE SAM SRCH UR 6150N 03418E
NO ABM/PROBABLE LONG RANGE SAM COMPLEXES OBSERVED.

25X

IVANOVO ABM/PROB LONG RANGE SAM SEARCH UR 5700N 04059E
NO ABM/PROBABLE LONG RANGE SAM COMPLEXES IDENTIFIED.

25X

KALININGRAD ABM/PROB LONG RANGE SAM SEARCH UR 5445N 02030E
A PROBABLE LONG RANGE SAM COMPLEX WAS IDENTIFIED IN THE
SEARCH AREA AT 54-40N 021-01E AND REPORTED IN THE OAK
FOR THIS MISSION NO NEW PROBABLE LONG
RANGE SAM ACTIVITY OBSERVED.

25X

OLENEGORSK AMM/PROB LONG RANGE SAM SEARCH UR 6808N 03318E
NO ABM/PROBABLE LONG RANGE SAM COMPLEXES OBSERVED.

25X

MURMANSK ABM/PROB LONG RANGE SAM SEARCH UR 6858N 03305E
NO ABM/PROBABLE LONG RANGE SAM COMPLEXES OBSERVED.

25X

ODESSA PROB LONG RANGE SAM SEARCH UR 4629N 03044E
NO PROBABLE LONG RANGE SAM ACTIVITY OBSERVED.

25X

ZAPOROZHYE PROB LONG RANGE SAM SEARCH UR 4750N 03508E
NO PROBABLE LONG RANGE SAM ACTIVITY OBSERVED.

25X

SARATOV PROB LONG RANGE SAM SEARCH UR 5132N 04600E
NO PROBABLE LONG RANGE SAM ACTIVITY OBSERVED.

25X

KAMYSHIN PROB LONG RANGE SAM SEARCH UR 4208N 04140E
NO PROBABLE LONG RANGE SAM ACTIVITY IDENTIFIED.

25X

GURIA MOTKA NAVAL BASE UR 6042N 03207E

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OB -- 1 UNIDENTIFIED LARGE SS UNDERWAY HEADING NORTH IN
 ZALIV MOTOVSKIY, APPROXIMATELY 1 NM SOUTH OF GURA
 MOTKA, AND 1 UNIDENTIFIED SMALL VESSEL ANCHORED.
 NO EVIDENCE OF SUBMARINE FACILITIES OBSERVED.

SECTION # 16

[REDACTED] 25X
 KRONSTADT NAVAL BASE AND SHIPYARD UR 5959N 02946E [REDACTED] 25X
 OB -- IN SUBMARINE BASIN -- 2 MEDIUM SS, AT LEAST 7
 SMALL SS, 4 PROBABLE SKORYY-DD, 1 MEDIUM AND SMALL
 COMBATANTS, AND SEVERAL UNIDENTIFIED VESSELS AND SMALL
 CRAFT.

IN CENTRAL HARBOR -- 3 UNIDENTIFIED SS, 2 CL, 4
 PROBABLE DD/DL, 1 AG, 1 LARGE AUXILIARY/MERCHANT SHIP,
 AND AT LEAST 33 UNIDENTIFIED VESSELS IN GRAVING
 DOCK.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
 PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED] 25X
 BABAYEVO PROB LONG RANGE SAM LCH CPLX UR 5933N 03520E [REDACTED] 25X
 NO SIGNIFICANT CHANGE HAS OCCURRED AT THE COMPLEX SINCE

[REDACTED] 25X
 SAN-YUAN SAM SITE A06-2 CH 3440N 10859E [REDACTED] 25X
 THE 6 LAUNCH POSITIONS ARE PROBABLY UNOCCUPIED. THE
 GUIDANCE AREA CONTAINS AN L-SHAPED BUILDING. NO
 MISSILES OR SAM-RELATED EQUIPMENT OBSERVED.

[REDACTED] 25X
 [REDACTED] 25X
 [REDACTED] 25X
 KAZAN POSSIBLE STATIC TEST FACILITY UR 5554N 04849E NO COMOR
 10 NM WNW OF KAZAN.

SECURED FACILITY CONSISTS OF A POSSIBLE STATIC TEST
 BUILDING, A POSSIBLE CONTROL BUILDING PARTIALLY
 REVETTED, A LARGE ASSEMBLY/CHECKOUT-TYPE BUILDING, AND
 AT LEAST 12 SUPPORT BUILDINGS. THE FACILITY WAS
 PRESENT ON [REDACTED] BUT CONSTRUCTION
 STATUS COULD NOT BE DETERMINED DUE TO POOR RESOLUTION
 AND SMALL SCALE. THE FACILITY APPEARED TO BE UNDER
 CONSTRUCTION ON [REDACTED] AND APPEARS TO BE
 ESSENTIALLY COMPLETE ON THE CURRENT MISSION. THE
 INSTALLATION WAS PREVIOUSLY REPORTED AS KAZAN
 UNIDENTIFIED INSTALLATION. 25X
 25X

[REDACTED] 25X
 SAN-YUAN SAM TRAINING AREA CH 3440N 10859E NO COMOR
 THE 12 LAUNCH POSITIONS ARE PROBABLY UNOCCUPIED. THE 2
 GUIDANCE POSITIONS EACH CONTAIN AN L-SHAPED BUILDING
 AND UNIDENTIFIED OBJECTS.

[REDACTED] 25X
 LENINGRAD SOLID PROPL RKT MTR TEST SITE UR 6015N 03044E NO COMOR
 THE PRESENCE OF 2 LARGE LIGHT-TONED BLAST MARKS AT THE
 U-SHAPED REVETMENTS CONFIRMS THE REVETMENTS AS SOLID
 PROPELLANT HORIZONTAL TEST POSITIONS. THE BLAST MARK

U-SHAPED REVETMENTS ARE CONFIRMED AS SMALL MOTOR TEST POSITIONS. THIS FACILITY, PREVIOUSLY REPORTED AS A POSSIBLE SOLID PROPELLANT TEST SITE, IS CONFIRMED ON THIS MISSION.

25X

LENINGRAD SOLID PROPL RKT MTR TEST SITE UR 6003N 03036E NO COMOR
THE PRESENCE OF LIGHT-TONED BLAST MARKS AT ALL 4 OF THE PREVIOUSLY IDENTIFIED PROBABLE SOLID PROPELLANT HORIZONTAL TEST CELLS CONFIRMS THESE POSITIONS AS SOLID PROPELLANT HORIZONTAL TEST CELLS. THE BLAST MARKS, STARTING AT THE NE TEST CELL AND GOING SW, ARE 295 FT, 630 FT, 350 FT, AND 220 FT IN LENGTH RESPECTIVELY. THIS FACILITY IS NOT ENGAGED IN THE PROCESSING/PRODUCTION OF ROCKET MOTORS. THE AREA PREVIOUSLY REPORTED AS A PROCESSING AREA CONTAINS 8 REVETTED BUILDINGS PROBABLY USED FOR THE INSPECTION OF ROCKET MOTORS PRIOR TO AND AFTER TEST FIRINGS. FOUR UNPROTECTED BUILDINGS, PROBABLY SUPPORT STRUCTURES, ARE SE OF THE INSPECTION AREA. THIS INSTALLATION WAS FORMERLY REPORTED AS A SOLID PROPELLANT PROCESSING AND TEST SITE.

SECTION # 17

25X

PETROKREPOST PROB ROCKET MOTOR R - D PLT UR 5959N 03100E NO COMOR
THIS PLANT, FORMERLY REPORTED AS PETROKREPOST EXPLOSIVES PLANT MOROZOV, APPEARS TO BE A ROCKET MOTOR R - D AND PROTOTYPE PRODUCTION FACILITY RATHER THAN AN EXPLOSIVES MANUFACTURING PLANT. IT CONTAINS AT LEAST 9 REVETTED PROBABLE PROPELLANT HANDLING FACILITIES, SEVERAL OF WHICH HAVE THE SIZE AND CONFIGURATION OF ROCKET MOTOR PROPELLANT MIXING AND CASTING BUILDINGS. THERE IS ONE VERY LARGE STRUCTURE WHICH IS PROBABLY A DOUBLE-BASE PROPELLANT PREPARATION FACILITY. A SMALL POSSIBLE ROCKET MOTOR TEST FACILITY IS IN A SEPARATELY SECURED AREA NORTH OF THE PLANT. AN ADDITIONAL POSSIBLE TEST FACILITY IS IMMEDIATELY EAST OF THE PLANT. THE PLANT ALSO CONTAINS A HEAT AND POWERPLANT AND NUMEROUS SUPPORT BUILDINGS, SEVERAL OF WHICH SUGGEST AN ASSEMBLY/INSPECTION FUNCTION. TWO APPARENTLY ABANDONED EXPLOSIVES/MUNITIONS STORAGE AREAS ARE NORTH OF THE PLANT. THERE HAS BEEN SIGNIFICANT CONSTRUCTION ACTIVITY IN THE PLANT DURING THE 1966-67 PERIOD.

25X

BEREZNIKI PROB LONG RANGE SAM LAUNCH CPLX UR 5932N 05646E BONUS 4
7.5 NM NNW OF BERZNIKI.
THE 38TH PROBABLE LONG RANGE SAM @PLRS# LAUNCH COMPLEX IS NEWLY IDENTIFIED. THE COMPLEX, ORIENTED AT APPROXIMATELY 300 DEGREES, IS IN AN EARLY STAGE OF CONSTRUCTION AND CONSISTS OF 3 LAUNCH SITES, A TRACKING/GUIDANCE FACILITY, AND A SUPPORT AREA. BEDS FOR MISSILE DOLLY TRACKS ARE OBSERVED AT POSITIONS A-1, A-2, ALL POSITIONS OF SITE B EXCEPT B-2, AND AT POSITIONS C-1, C-5, AND C-6 OF SITE C. CONSTRUCTION OF 3 RADAR POSITIONS AND A CONTROL CENTER IS UNDERWAY AT THE TRACKING/GUIDANCE FACILITY. AT LEAST ONE BUILDING IS UNDER CONSTRUCTION IN THE SUPPORT AREA. THE COMPLEX WAS NOT PRESENT ON [REDACTED] AND FIRST ACTIVITY IS OBSERVED ON [REDACTED]

25X
25X
25X